



# PATHWAYS



**YOUR MAP TO  
COMPLETION**

| <b>Computer Science – Programming</b>   |               |  |              |                   |              |
|---|---------------|--|--------------|-------------------|--------------|
| <b>Associate in Science / Short-Term Certificate</b>                            |               |  |              |                   |              |
| Full Time   | Course Prefix | Course Description                                   | Credit Hours | Semesters Offered | Area         |
| Semester 1  | ORI 110       | Freshman Seminar                                     | 1            | Fa Sp Su          | Required IV  |
|   | *ART 100      | Art Appreciation                                     | 3            | Fa Sp Su          | Required II  |
|   | ENG 101       | English Composition I                                | 3            | Fa Sp Su          | Required I   |
|   | *HIS 101      | Western Civilization I                               | 3            | Fa Sp Su          | Required IV  |
|   | *MTH 112      | Precalculus Algebra                                  | 3            | Fa Sp Su          | Required III |
| Semester 2  | *ECO 231      | Principles of Macroeconomics                         | 3            | Fa Sp Su          | Required IV  |
|   | ENG 102       | English Composition II                               | 3            | Fa Sp Su          | Required I   |
|   | *HIS 102      | Western Civilization II                              | 3            | Fa Sp Su          | Require      |
|   | *MTH 113      | Precalculus Trigonometry                             | 3            | Fa Sp Su          | Required III |
| Semester 3  | *IDS 102      | Ethics   | 3            | Fa Sp Su          | Elective II  |
|   | *MTH 125      | Calculus I   | 4            | Fa Sp Su          | Required III |
|   | *CHM 111      | College Chemistry I (Recommended Nat. Sci. Elective) | 4            | Fa Su             | Elective III |
| Semester 4  | *BIO 103      | Principles of Biology I                              | 4            | Fa Sp Su          | Required III |
|   | *ENG 251      | English Literature I                                 | 3            | Fa Sp Su          | Required II  |
|   | MTH 126       | Calculus II  | 4            | Fa Sp             | Required V   |
|   | *PSY 200      | General Psychology                                   | 3            | Fa Sp Su          | Required II  |
| Semester 5  | *BIO 104      | Principles of Biology II                             | 4            | Fa Sp Su          | Required III |
|   | CIS 251       | C++ Programming                                      | 3            | Fa Sp             | Required V   |
|   | *HUM 101      | Introduction to Humanities I                         | 3            | Fa Sp Su          | Required II  |
|   | MTH 227       | Calculus III   | 4            | Fa Sp             | Required V   |
| <b>Computer Science – Programming AS Total Hours 64</b>                         |               |  |              |                   |              |
| <b>Computer Science General Education Short-Term Certificate Total Hours 24</b> |               |  |              |                   |              |

\* May be substituted per advisor’s approval.

For Assistance with Financial Aid: <http://www.wallacestate.edu/financial-aid>

For transfer information to a four-year school: <http://stars.troy.edu/>

**WALLACE STATE**  
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